

Table 1. Table describing spatial data contained in the Geographic Information System (GIS). These data sets in the /Data folder include both newly acquired and previously released spatial data.

Directory Path	Data Layer Name	Data Type	Description
/ARDF/	ARDF	Vector – point (shapefile)	Alaska Resource Database File
/BaseLayers/Quadrangles/	USGS_250K- _Quadrangles	Vector – point (shapefile)	1:250,000 quadrangle boundaries
/BaseLayers/Quadrangles/	USGS_63360K- _Quadrangles	Vector – point (shapefile)	1:63,360 quadrangle boundaries
/Contours/	Contours_NDM_index	Vector – line (shapefile)	Contour lines derived from digital elevation model
/Contours/	Contours_NDM_small	Vector – line (shapefile)	Contour lines derived from digital elevation model
/DEM/	elevation	Raster – ESRI grid	Digital Elevation Model
/DEM/	shade	Raster – ESRI grid	Hillshade of digital elevation model
/Geochemistry/NURE_sediments/	NURE_LakeSediments	Vector – point (shapefile)	National Uranium Resource Evaluation (NURE) sample locations and chemical analysis
/Geochemistry/PebbleArea/	PebbleGeochem.gdb	ESRI Geodatabase	File geodatabase containing geochemical samples collected in 2007–2010 near Pebble deposit
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	FieldSite	Vector – point (feature class)	Spatial and descriptive attributes for field sites
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	H2O_Alk	Vector – point (feature class)	Alkalinity data for unacidified water samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	H2O_Anions	Vector – point (feature class)	Anion data for unacidified water samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	H2O_DOC	Vector – point (feature class)	Dissolved organic carbon data for acidified water samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	H2O_Fe	Vector – point (feature class)	Ferrous iron data for acidified water samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	H2O_FldChem	Vector – point (feature class)	Field chemistry data for unacidified water samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	H2O_Hg	Vector – point (feature class)	Mercury data for acidified water samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	H2O_ICPAES_FA	Vector – point (feature class)	Inductively coupled plasma-atomic emission spectroscopy chemical data for filtered, acidified water samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	H2O_ICPAES_RA	Vector – point (feature class)	Inductively coupled plasma-atomic emission spectroscopy chemical data for unfiltered, acidified water samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	H2O_ICPMS_FA	Vector – point (feature class)	Inductively coupled plasma-mass spectroscopy chemical data for filtered, acidified water samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	H2O_ICPMS_HR_FA	Vector – point (feature class)	High resolution inductively coupled plasma-mass spectroscopy chemical data for filtered, acidified water samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	H2O_ICPMS_HR_RA	Vector – point (feature class)	High resolution inductively coupled plasma-mass spectroscopy chemical data for unfiltered, acidified water samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	H2O_ICPMS_RA	Vector – point (feature class)	Inductively coupled plasma-mass spectroscopy chemical data for unfiltered, acidified water samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	IndicatorMineralogy	Vector – point (feature class)	Indicator mineralogy data for concentrates of till and stream sediment samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	Rock_AddlChem	Vector – point (feature class)	Chemical data from non-ICP analytic methods for rock samples

/Geochemistry/ PebbleArea/PebbleGeochem.gdb	Rock_ICPAES_MS42	Vector – point (feature class)	Inductively coupled plasma-atomic emission/mass spectroscopy chemical data after acid digestion for rock samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	Rock_ICPAES_MS55	Vector – point (feature class)	Inductively coupled plasma-atomic emission/mass spectroscopy chemical data after sinter digestion for rock samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	Sed_AddlChem	Vector – point (feature class)	Chemical data from non-ICP analytic methods for sediment samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	Sed_ICPAES_MS42	Vector – point (feature class)	Inductively coupled plasma-atomic emission/mass spectroscopy chemical data after acid digestion for sediment samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	Sed_ICPAES_MS55	Vector – point (feature class)	Inductively coupled plasma-atomic emission/mass spectroscopy chemical data after sinter digestion for sediment samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	Soil_AddlChem	Vector – point (feature class)	Chemical data from non-ICP analytic methods for soil samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	Soil_GCMS_SGH	Vector – point (feature class)	Gas chromatography/mass spectroscopy weak leach simulation chemical data from soil samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	Soil_ICPAES_MS42	Vector – point (feature class)	Inductively coupled plasma-atomic emission/mass spectroscopy chemical data after acid digestion for soil samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	Soil_ICPAES_MS55	Vector – point (feature class)	Inductively coupled plasma-atomic emission/mass spectroscopy chemical data after sinter digestion for soil samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	Soil_ICPMS_AR	Vector – point (feature class)	Inductively coupled plasma-mass spectroscopy aqua regia leach chemical data from soil samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	Soil_ICPMS_BLch	Vector – point (feature class)	Inductively coupled plasma-mass spectroscopy BioLeach chemical data from soil samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	Soil_ICPMS_CHHLch	Vector – point (feature class)	Inductively coupled plasma-mass spectroscopy cold hydroxylamine hydrochloride leach chemical data from soil samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	Soil_ICPMS_EELch	Vector – point (feature class)	Inductively coupled plasma-mass spectroscopy enhanced enzyme leach chemical data from soil samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	Soil_ICPMS_FLT	Vector – point (feature class)	Inductively coupled plasma-mass spectroscopy de-ionized water leach chemical data from soil samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	Soil_ICPMS_ILch	Vector – point (feature class)	Inductively coupled plasma-mass spectroscopy ionic leach chemical data from soil samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	Soil_ICPMS_MMILch	Vector – point (feature class)	Inductively coupled plasma-mass spectroscopy mobile metal ion leach chemical data from soil samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	Soil_ICPMS_NaPLch	Vector – point (feature class)	Inductively coupled plasma-mass spectroscopy sodium pyrophosphate leach chemical data from soil samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	Soil_ICPMS_TSLch	Vector – point (feature class)	Inductively coupled plasma-mass spectroscopy TerraSol leach chemical data from soil samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	Soil_pH_SpCond	Vector – point (feature class)	pH and conductance data for soil samples

/Geochemistry/ PebbleArea/PebbleGeochem.gdb	Veg_ICPMS_AR	Vector – point (feature class)	Inductively coupled plasma-mass spectroscopy aqua regia leach chemical data from vegetation samples
/Geochemistry/ PebbleArea/PebbleGeochem.gdb	Veg_ICPMS_HR_AR	Vector – point (feature class)	High resolution inductively coupled plasma-mass spectroscopy aqua regia leach chemical data from vegetation samples
/Geology/HamiltonMap	HamiltonGeology	Vector – polygon (shapefile)	Surface geology map (polygons)
/Geology/HamiltonMap	HamiltonLines	Vector – line (shapefile)	Surface geology map (lines)
/Geology/ Northern_Alaska_Peninsula/dbf_tables	Directory	Tables	Data tables linked to shapefiles (lithology and structures)
/Geology/ Northern_Alaska_Peninsula/Dillingham/	digeolp	Vector – polygon (shapefile)	Dillingham 250k lithology
/Geology/ Northern_Alaska_Peninsula/Dillingham/	dilina	Vector – line (shapefile)	Dillingham 250k structures
/Geology/ Northern_Alaska_Peninsula/Iliamna/	ilgeolp	Vector – polygon (shapefile)	Iliamna 250k lithology
/Geology/ Northern_Alaska_Peninsula/Iliamna/	illina	Vector – line (shapefile)	Iliamna 250k structures
/Geology/ Northern_Alaska_Peninsula/LakeClark/	lcgeolp	Vector – polygon (shapefile)	Lake Clark 250k lithology
/Geology/ Northern_Alaska_Peninsula/LakeClark/	lclina	Vector – line (shapefile)	Lake Clark 250k structures
/Geology/ Northern_Alaska_Peninsula/ TaylorMountains/	tageolp	Vector – polygon (shapefile)	Taylor Mountains 250k lithology
/Geology/ Northern_Alaska_Peninsula/ TaylorMountains/	talina	Vector – line (shapefile)	Taylor Mountains 250k structures
/Geophysics/Aeromagnetics/	regionalrtp	Raster – ESRI grid	Regional reduced to pole aeromagnetic data
/Geophysics/Aeromagnetics/	regionalrtp_s	Raster – ESRI grid	Regional reduced to pole aeromagnetic data - shading
/Geophysics/Aeromagnetics/	regionalrf	Raster – ESRI grid	Regional residual magnetic field aeromagnetic data
/Geophysics/Aeromagnetics/	regionalrf_s	Raster – ESRI grid	Regional residual magnetic field aeromagnetic data - shading
/Geophysics/Aeromagnetics/	rtp_10km	Raster – ESRI grid	Regional reduced to pole data upward continued 10 km
/Geophysics/Aeromagnetics/	rtp_10km_s	Raster – ESRI grid	Regional reduced to pole data upward continued 10 km - shading
/Geophysics/Aeromagnetics/	rtpreg_as	Raster – ESRI grid	Analytic signal of regional reduced to pole data
/Geophysics/Aeromagnetics/	rtpreg_as_s	Raster – ESRI grid	Analytic signal of regional reduced to pole data - shading
/Geophysics/Gravity/	Gravity_sample_sites_2008_09	Vector – point (shapefile)	Gravity stations
/Geophysics/Magnetotellurics/	MT_sample_sites_2007_08_09	Vector – point (shapefile)	Magnetotelluric stations
/Geophysics/SelfPotential/	Self_Potential_sample_sites_2007	Vector – point (shapefile)	Self-potential stations collected in 2007
/Geophysics/SelfPotential/	Self_Potential_sample_sites_2008	Vector – point (shapefile)	Self-potential stations collected in 2008
/Hydrography/	NHDproject.gdb	File geodatabase	National hydrography dataset of southwest Alaska near the Pebble deposit

/Hydrography/	Pebble_hydro_lines	Vector – lines (shapefile)	Hydrography lines digitized from proprietary orthophotography
/Hydrography/	Pebble_hydro_marsh_ polygons	Vector – polygon (shapefile)	Hydrography polygons digitized from proprietary orthophotography
/Hydrography/	Pebble_hydro_ polygons	Vector – polygon (shapefile)	Hydrography polygons digitized from proprietary orthophotography
/Landsat/	LE70720182002168P FS00.tar.gz	Archive file	Archive containing individual spectral bands of original Landsat image
/Landsat/	LS_123457	Raster – Erdas .img	Imagine file containing 6 spectral bands (123457)
/Landsat/	ls_3to1	Raster – Erdas .img	Imagine file containing band 3/band 1
/Landsat/	ls_5to7	Raster – Erdas .img	Imagine file containing band 5/band 7
/RadiometricAges/	AlaskaRadiometricAges	Vector – point (shapefile)	Subset of Alaska Radiometric database